



TEST REPORT OF AGGREGATE IMPACT VALUE
IS: 2386 Part IV

Lab ID : CP-RW-2018-02-19-01
Customer : Assistant Executive Engineer, Dasarahalli Sub Division, BBMP, Bangalore.
Address : Dasarahalli Sub Division, BBMP, Bangalore.
Project Name : Improvements to Main Roads Byraveshwara Nagara in Bagalagunte Ward No.14
Agency : Sri.Sree Rama Reddy, #62, Behind Widia, Ashok Nagara, Nagasandra (P), Bengaluru.
Customer Reference : EE/DD/LOA/1660/2017-18
Source of Sample : Sample supplied by Agency
Sample Condition : Satisfactory
Date of Receipt : 19-02-18
Sample ID No : 2018-02-19-01/03
Type of Mix : Coarse Aggregate for WMM (Wet Mix Macadam)
Date of test : 19-02-18

Date: 21-02-18

Sl.No	Particulars of observations	Index	TEST 1	TEST 2
1	Total weight of the surface dry sample sample (passing 12.5 mm and retained on 10mm sieve)	A	300.2	300.2
2	Weight of fraction passing 2.36mm sieve After giving 15 blows	B	73.9	74.0
3	weight of fraction retained 2.36mm sieve After giving 15 blows	C	225.9	225.8
4	Total weight of (B+C) is less than the initial weight (Weight A) by more than one gram the result shall be discarded and a fresh test made.	A-(B+C)	0.4	0.4
5	Aggregate impact value	(B/A)*100	24.6	24.7
6	Aggregate impact value (Mean of two tests)	Percentage	24.6	

Note:-

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All information Furnished by Customer/ Representative
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ಪುನಃ ಪರೀಕ್ಷೆಗಾಗಿ
ಟಿ.ದಾಸರಾಜ್ ಅವರಿಗೆ
ಬಾಗಲಗುಂಟೆ, ಬಿಬಿಎಂಪಿ
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**DETERMINATION OF FLAKINESS INDEX AND ELONGATION INDEX OF
COARSE AGGREGATE (IS 2386 (Part 1) 1963 (RA 2007))**

Lab ID : CP-RW-2018-02-19-01 Date: 21-02-18
Customer : Assistant Executive Engineer, Dasarahalli Sub Division, BBMP, Bangalore.
Address : Dasarahalli Sub Division, BBMP, Bangalore.
Project Name : Improvements to Main Roads Byraveshwara Nagara in Bagalagunte Ward No.14
Agency : Sri.Sree Rama Reddy, #62, Behind Widia, Ashok Nagara, Nagasandra (P), Bengaluru.
Customer Reference : EE/DD/LOA/1660/2017-18
Source of Sample : Sample supplied by Agency
Sample Condition : Satisfactory
Date of Receipt : 19-02-18
Sample ID No : 2018-02-19-01/03
Type of Mix : Coarse Aggregate for WMM (Wet Mix Macadam)
Date of test : 19-02-18
Result:

Index	Percentage of Flakiness and Elongation Index	Secified limits as per MORTH specification table 400-12
Flakiness Index	12.8%	Combined Flakiness & Elongation Index for WMM is Maximum 35%
Elongation Index	12.5%	
Combined Flakiness and Elongation Index for WMM	25.3%	

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ಪುನರಾವೇಶಿ, ಬಿಬಿಎಂಪಿ
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TEST RESULTS OF GRADATION FOR WMM

Lab ID : CP-RW-2018-02-19-01 Date: 21-02-18
Customer : Assistant Executive Engineer, Dasarahalli Sub Division, BBMP,
Address : Dasarahalli Sub Division, BBMP, Bangalore.
Project Name : Improvements to Main Roads Byraveshwara Nagara in Bagalagunte Ward
Agency : No.14
Sri.Sree Rama Reddy, #62, Behind Widia, Ashok Nagara, Nagasandra (P),
Bengaluru.
Customer Reference : EE/DD/LOA/1660/2017-18
Source of Sample : Sample supplied by Agency
Sample Condition : Satisfactory
Date of Receipt : 19-02-18
Sample ID No : 2018-02-19-01/01
Type of Mix : WMM (Wet Mix Macadam)
Date of test : 19-02-18
Oven Dry Weight : 11000 Grams

IS Sieve Size(mm)	Weight Retained (gm)	Cumulative Weight Retained (gm)	% Cumulative Weight Retained	% Passing	Spec.I.Vide Table 400.13 MORTH Specification
53	0	0	0.0	100.0	100
45	315	315	2.9	97.1	95-100
22.4	2259	2574	23.4	76.6	60-80
11.2	2179	4753	43.2	56.8	40-60
4.75	2251	7004	63.7	36.3	25-40
2.36	1621	8625	78.4	21.6	15-30
0.6	623	9248	84.1	15.9	8-22
0.075	1338	10586	96.2	3.8	0-5

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ಪಿ.ದಾಸರಾಜ್, ಮುಖ್ಯ ವಿಜ್ಞಾನಿ
ಬೆಂಗಳೂರು, ಕೆ.ಎಂ.ಎಂ.ಎಂ.
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TEST RESULTS OF GRADATION FOR WMM

Lab ID : CP-RW-2018-02-19-01
Customer : Assistant Executive Engineer, Dasarahalli Sub Division, BBMP, Date: 21-02-18
Address : Dasarahalli Sub Division, BBMP, Bangalore.
Project Name : Improvements to Main Roads Byraveshwara Nagara in Bagalagunte Ward
Agency : Sri.Sree Rama Reddy, #62, Behind Widia, Ashok Nagara, Nagasandra (P), Bengaluru.
Customer Reference : EE/DD/LOA/1660/2017-18
Source of Sample : Sample supplied by Agency
Sample Condition : Satisfactory
Date of Receipt : 19-02-18
Sample ID No : 2018-02-19-01/03
Type of Mix : WMM (Wet Mix Macadam)
Date of test : 19-02-18
Oven Dry Weight : 11000 Grams

IS Sieve Size(mm)	Weight Retained (gm)	Cumulative Weight Retained (gm)	% Cumulative Weight Retained	% Passing	Spec.I.Vide Table 400.13 MORTH Specification
53	0	0	0.0	100.0	100
45	202	202	1.8	98.2	95-100
22.4	2345	2547	23.2	76.8	60-80
11.2	2051	4598	41.8	58.2	40-60
4.75	2347	6945	63.1	36.9	25-40
2.36	1701	8646	78.6	21.4	15-30
0.6	1044	9690	88.1	11.9	8-22
0.075	821	10511	95.6	4.4	0-5

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ಬಿ.ದಾಸರಾಜ್, ಅಭಿವೃದ್ಧಿ ವಿಭಾಗ

ದಾಖಲೆಗುಂಟಿ, ಬಿಬಿಎಂಪಿ

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TEST RESULTS OF GRADATION FOR WMM

Lab ID : CP-RW-2018-02-19-01 Date: 21-02-18
Customer : Assistant Executive Engineer, Dasarahalli Sub Division, BBMP,
Address : Dasarahalli Sub Division, BBMP, Bangalore.
Project Name : Improvements to Main Roads Byraveshwara Nagara in Bagalagunte Ward
Agency : No.14
Sri.Sree Rama Reddy, #62, Behind Widia, Ashok Nagara, Nagasandra (P),
Bengaluru.
Customer Reference : EE/DD/LOA/1660/2017-18
Source of Sample : Sample supplied by Agency
Sample Condition : Satisfactory
Date of Receipt : 19-02-18
Sample ID No : 2018-02-19-01/03
Type of Mix : WMM (Wet Mix Macadam)
Date of test : 19-02-18
Oven Dry Weight : 11000 Grams

IS Sieve Size(mm)	Weight Retained (gm)	Cumulative Weight Retained (gm)	% Cumulative Weight Retained	% Passing	Spec.I.Vide Table 400.13 MORTH Specification
53	0	0	0.0	100.0	100
45	228	228	2.1	97.9	95-100
22.4	2195	2423	22.0	78.0	60-80
11.2	2455	4878	44.3	55.7	40-60
4.75	2041	6919	62.9	37.1	25-40
2.36	1705	8624	78.4	21.6	15-30
0.6	1044	9668	87.9	12.1	8-22
0.075	815	10483	95.3	4.7	0-5

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ಪಿ.ಪಿ.ಎಂ.ಸಿ. ಕಾರ್ಯದರ್ಶಿ ಕಾರ್ಯಪಾಲಕ

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TEST RESULTS OF GRADATION FOR GSB (IS 2386:(Part 1) 1963 (RA2011))

Lab ID : CP-RW-2018-02-12-01 Date: 14-02-18
Customer : Assistant Executive Engineer, Dasarahalli Sub Division, BBMP, Bangalore.
Address : Dasarahalli Sub Division, BBMP, Bangalore.
Project Name : Improvements to Main Roads Byraveshwara Nagara in Bagalagunte Ward No.14
Agency : Sri.Sree Rama Reddy, #62, Behind Widia, Ashok Nagara, Nagasandra (P), Bengaluru.
Customer Reference : EE/DD/LOA/1660/2017-18
Source of Sample : Sample supplied by Agency
Sample Condition : Satisfactory
Date of Receipt : 12-02-18
Sample ID No : 2018-02-12-01/01
Type of Mix : GSB (Granular Sub Base)
Date of test : 12-02-18
Oven Dry Weight : 10000 Grams

IS Sieve Size(mm)	Weight Retained (gm)	Cumulative Weight Retained (gm)	% Cumulative Weight Retained	% Passing	Spec. Limit Vide Table 400.1 MORTH Specification
75	0	0	0.0	100.0	100
53	415	415	4.2	95.9	80-100
26.5	1377	1792	17.9	82.1	55-90
9.5	1985	3777	37.8	62.2	35-65
4.75	1302	5079	50.8	49.2	25-55
2.36	1847	6926	69.3	30.7	20-40
0.425	1847	8773	87.7	12.3	10-25
0.075	948	9721	97.2	2.8	0-5

TESTS ON FILLER SCREEN MATERIALS

Sl no	Particulars	Test results	Spec.Limit Vide Table
1	Liquid Limit, %	22.80%	Maximum 25
2	Plasticity index, %	Non plastic	Maximum 6

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PHYSICAL REQUIREMENTS FOR COARSE AGGREGATE FOR BITUMINOUS MACADAM

Lab ID : CP-RW-2018-02-26-01 Date: 01-03-18
Customer : Assistant Executive Engineer, Dasarahalli Sub Division, BBMP, Bangalore.
Address : Dasarahalli Sub Division, BBMP, Bangalore.
Project Name : Improvements to Main Roads Byraveshwara Nagara in Bagalagunte Ward No.14
Agency : Sri.Sree Rama Reddy, #62, Behind Widia, Ashok Nagara, Nagasandra (P), Bengaluru.
Customer Reference : EE/DD/LOA/1660/2017-18
Source of Sample : Sample supplied by Agency
Sample Condition : Satisfactory
Date of Receipt : 26-02-18
Sample ID No : 2018-02-26-01/01
Type of Mix : BM (Bituminous Macadam)
Date of test : 26-02-18

Table 500-6 : Physical Requirements fo Coarse Aggregate for Bituminous Macadam

Property	Test	Result	Specification	Method of Test
Partical Shape	Flakiness Index	11.3	Combined Flakiness & Elongation Index for BM is Maximum 35%	IS:2386 Part I
	Elongation Index	8.9		
Strength	Aggregate Impact Value	23.4	Maximum 30%	IS:2386 Part IV
Specific gravity	Specific gravity	2.54	Maximum 2.7	IS:2386 Part III
Water Absorption	Water Absorption	0.29	Maximum 2%	IS:2386 Part III

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ಟಿ.ದಾಸರಾಜ್, ಉಪ-ನಿರ್ದೇಶಕರು
ಬಾಗಲಗುಂಟೆ, ಬಿ.ಬಿ.ಎಂ.ಪಿ.
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**TEST RESULTS OF GRADATION FOR BM
(IS 2386:(Part 1) 1963 (RA2011))**

Lab ID : CP-RW-2018-02-26-01 Date: 28-02-18
Customer : Assistant Executive Engineer, Dasarahalli Sub Division, BBMP, Bangalore.
Address : Dasarahalli Sub Division, BBMP, Bangalore.
Project Name : Improvements to Main Roads Byraveshwara Nagara in Bagalagunte Ward No.14
Agency : Sri.Sree Rama Reddy, #62, Behind Widia, Ashok Nagara, Nagasandra (P), Bengaluru.
Customer Reference : EE/DD/LOA/1660/2017-18
Source of Sample : Sample supplied by Agency
Sample Condition : Satisfactory
Date of Receipt : 26-02-18
Sample ID No : 2018-02-26-01/01
Type of Mix : BM-Plant (Bituminous Macadam)
Date of test : 26-02-18
Weight of Sample(gm) : 5000

IS Sieve Size(mm)	Weight Retained(gm)	Comulative Weight Retained (gm)	Comulative % of Retained	Comulative % of Passing	Specification Limits as per MORTH specification Table 500-7(grading -2)
26.5	0	0	0	100	100
19	152	152	3.0	97.0	90-100
13.2	587	739	14.8	85.2	56-88
4.75	2777	3516	70.3	29.7	16-36
2.36	984	4500	90.0	10.0	4-19
0.3	201	4701	94.0	6.0	2-10
0.075	149	4850	97.0	3.0	0-8
PAN	150	5000	100.0	0.0	0

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TEST REPORT OF AGGREGATE STRIPPING VALUE OF ROAD AGGRGATE (IS:6241)

Lab ID	: CP-RW-2018-02-26-01	Date: 01-03-18
Customer	: Assistant Executive Engineer, Dasarahalli Sub Division, BBMP, Bangalore.	
Address	: Dasarahalli Sub Division, BBMP, Bangalore.	
Project Name	: Improvements to Main Roads Byraveshwara Nagara in Bagalagunte Ward No.14	
Agency	: Sri.Sree Rama Reddy, #62, Behind Widia, Ashok Nagara, Nagasandra (P), Bengaluru.	
Customer Reference	: EE/DD/LOA/1660/2017-18	
Source of Sample	: Sample supplied by Agency	
Sample Condition	: Satisfactory	
Date of Receipt	: 26-02-18	
Sample ID No	: 2018-02-26-01/01	
Type of Mix	: BM(Bitumnous Macadam)	
Date of test	: 26-02-18	
Type of Binder	:	
% of Binder Used	:	60/70
Weight of Aggregate	:	5.0%
Weight of Binder	:	200.0 gm
Temperature of water bath	:	10.0 gm
	:	40°C

No of test	Retained Stripping Percentage	Stripping Percentage	Average Retained Stripping Percentage	Secified limits as per MORTH specification table 500-8
1	98.5	1.5	98.5	Minimum Retained Coating 95%
2	99.0	1.0		
3	98.0	2.0		

Note:-
The results are within the limits.

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TEST REPORT ON BITUMEN

Lab ID : CP-2018-02-21-01
Customer : Assistant Executive Engineer, Dasarahalli Sub Division, BBMP, Bangalore.
Address : Dasarahalli Sub Division, BBMP, Bangalore.
Project Name : Improvements to Main Roads Byraveshwara Nagara in Bagalagunte Ward No.14
Agency : Sri.Sree Rama Reddy, #62, Behind Widia, Ashok Nagara, Nagasandra (P), Bengaluru.
Customer's Reference : EE/DD/LOA/1660/2017-18
Source of Sample : Sample supplied by Agency
Sample Condition : Satisfactory
Date of Receipt : 21-02-18
Sample ID No : 2018-02-21-01/01
Sample Type : Bitumen
Reference to BIS codes : IS: 1201-1220(1978) (Reaffirmed-2004)
Date of test : 21-02-18

Test Results

Sl.no	Name of Test	Result	Requirements as per IS: 1201-1220
1	Penetration at 25°C, in 1/10th mm	64	60 to 70
2	Softening Point, °C	51.2	Min. 40°C
3	Ductility, cm	98	Min. 75cm
4	Flash point, °C	245	Min. 220°C
	Fire point, °C	272	

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PHYSICAL REQUIREMENTS FOR COARSE AGGREGATE FOR BITUMINOUS CONCRETE

Lab ID	: CP-RW-2018-03-05-01	Date: 08-03-18
Customer	: Assistant Executive Engineer, Dasarahalli Sub Division, BBMP, Bangalore.	
Address	: Dasarahalli Sub Division, BBMP, Bangalore.	
Project Name	: Improvements to Main Roads Byraveshwara Nagara in Bagalagunte Ward No.14	
Agency	: Sri.Sree Rama Reddy, #62, Behind Widia, Ashok Nagara, Nagasandra (P), Bengaluru.	
Customer Reference	: EE/DD/LOA/1660/2017-18	
Source of Sample	: Sample supplied by Agency	
Sample Condition	: Satisfactory	
Date of Receipt	: 05-03-18	
Sample ID No	: 2018-03-05-01/01	
Type of Mix	: BC (Bituminous Concrete)	
Date of test	: 05-03-18	

Table 500-16 : Physical Requirements fo Coarse Aggregate for Bituminous Concrete

Property	Test	Result	Specification	Method of Test
Partical Shape	Flakiness Index	11.3	Combined Flakiness & Elongation Index for BC is Maximum 35%	IS:2386 Part I
	Elongation Index	10.4		
Strength	Aggregate Impact Value	21.5	Maximum 24%	IS:2386 Part IV
Specific gravity	Specific gravity	2.53	Maximum 2.7	IS:2386 Part III
Water Absorption	Water Absorption	0.25	Maximum 2%	IS:2386 Part III

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R RUDRAPRASAD
Authorized Signatory
Technical Manager

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ಟಿ.ದಾಸರಾಜ್, ಉಪ ನಿರ್ದೇಶಕರು
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TEST RESULTS OF GRADATION FOR BC IS 2386 (Part 1) 1963 (RA 2007)

Lab ID : CP-RW-2018-03-05-01 Date: 07-03-18
Customer : Assistant Executive Engineer, Dasarahalli Sub Division, BBMP, Bangalore.
Address : Dasarahalli Sub Division, BBMP, Bangalore.
Project Name : Improvements to Main Roads Byraveshwara Nagara in Bagalagunte Ward No.14
Agency : Sri.Sree Rama Reddy, #62, Behind Widia, Ashok Nagara, Nagasandra (P), Bengaluru.
Customer Reference : EE/DD/LOA/1660/2017-18
Source of Sample : Sample supplied by Agency
Sample Condition : Satisfactory
Date of Receipt : 05-03-18
Sample ID No : 2018-03-05-01/01
Type of Mix : BC-Plant (Bituminous Concrete)
Date of test : 05-03-18
Oven Dry Weight : 5000 Grams

IS Sieve Size (mm)	Weight Retained (gm)	Cumulative Weight Retained (gm)	Cumulative % of Retained	Cumulative % of Passing	Specified limits as per MORTH specification table 500-17(grading-2)
19	0	0	0.0	100.0	100
13.2	71	71	1.4	98.6	90-100
9.5	689	760	15.2	84.8	70-88
4.75	850	1610	32.2	67.8	53-71
2.36	558	2168	43.4	56.6	42-58
1.18	486	2654	53.1	46.9	34-48
0.6	512	3166	63.3	36.7	26-38
0.3	532	3698	74.0	26.0	18-28
0.15	515	4213	84.3	15.7	12-20
0.075	429	4642	92.8	7.2	4-10
PAN	358	5000	100	0.0	0

Note:-

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TEST REPORT OF AGGREGATE STRIPPING VALUE OF ROAD AGGRGATE
(IS:6241)

Lab ID : CP-RW-2018-03-05-01
Customer : Assistant Executive Engineer, Dasarahalli Sub Division, BBMP, Bangalore.
Address : Dasarahalli Sub Division, BBMP, Bangalore.
Project Name : Improvements to Main Roads Byraveshwara Nagara in Bagalagunte Ward No.14
Agency : Sri.Sree Rama Reddy, #62, Behind Widia, Ashok Nagara, Nagasandra (P), Bengaluru.
Customer Reference : EE/DD/LOA/1660/2017-18
Source of Sample : Sample supplied by Agency
Sample Condition : Satisfactory
Date of Receipt : 05-03-18
Sample ID No : 2018-03-05-01/01
Type of Mix : BC(Bitumenous Concrete)
Date of test : 05-03-18

Type of Binder : 60/70
% of Binder Used : 5.0%
Weight of Aggregate : 200.0 gm
Weight of Binder : 10.0 gm
Temperature of water bath : 40°C

No of test	Retained Stripping Percentage	Stripping Percentage	Average Retained Stripping Percentage	Secified limits as per MORTH specification table 500-8
1	97.5	2.5	97.7	Minimum Retained Coating 95%
2	98.0	2.0		
3	97.5	2.5		

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Technical Manager



TEST RESULTS OF GRADATION FOR BM
(IS 2386: (Part 1) 1963 (RA2011))

Lab ID : CP-RW-2018-03-13-01
Customer : Assistant Executive Engineer, Dasarahalli Sub Division, BBMP, Bangalore.
Address : Dasarahalli Sub Division, BBMP, Bangalore.
Project Name : Improvements to Main Roads Byraveshwara Nagara in Bagalagunte Ward No.14
Agency : Sri.Sree Rama Reddy, #62, Behind Widia, Ashok Nagara, Nagasandra (P), Bengaluru.
Customer Reference : EE/DD/LOA/1660/2017-18
Source of Sample : Sample supplied by Agency
Date of Receipt : 13-03-18
Sample ID No : 2018-03-13-01/01
Type of Mix : BM (Bituminous Macadam)
Date of test : 13-03-18

Date: 14-03-18

Sl.no	Description	Index	Trail 1	Trail 2
1	Weight of the Sample	A	500	500
2	Weight of the sample After extraction	B	481	482
3	Bitumen percentage	$\frac{A-B}{A} \times 100$	3.80	3.60
4	Average percentage	%	3.70	

Rudraprasad

ಇದರ ಮೇಲೆ ಕಾರ್ಯಪಾಲಕ ಅಧಿಕಾರಿಗಳು
ಪರಿಶೀಲಿಸಿ, ಉಪ-ವಿಭಾಗ
ಬಾಗಲಗುಂಟೆ, ಬಿ.ಎಂ.ಪಿ.
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4, 7TH MAIN MALLESWARAM, BANGALORE -3

Lab ID : CP-RW-2018-03-13-01
Sample ID No : 2018-03-13-01/01

Date: 14-03-18

AFTER EXTRACTION(Trail-1)

Weight of Sample : 481

IS Sieve Size(mm)	Weight Retained (gm)	Cumulative Weight Retained (gm)	Cumulative % of Retained	Cumulative % of Passing	Specification Limits as per MORTH specification Table 500-7(grading -2)
26.5	0	0	0.0	100.0	100
19	29	29	6.0	94.0	90-100
13.2	122	151	31.4	68.6	56-88
4.75	189	340	70.7	29.3	16-36
2.36	38	378	78.6	21.4	4-19
0.3	58	436	90.6	9.4	2-10
0.075	23	459	95.4	4.6	0-8

AFTER EXTRACTION(Trail-2)

Weight of Sample : 482

IS Sieve Size(mm)	Weight Retained (gm)	Cumulative Weight Retained (gm)	Cumulative % of Retained	Cumulative % of Passing	Specification Limits as per MORTH specification Table 500-7(grading -2)
26.5	0	0	0.0	100.0	100
19	28	28	5.8	94.2	90-100
13.2	125	153	31.7	68.3	56-88
4.75	195	348	72.2	27.8	16-36
2.36	31	379	78.6	21.4	4-19
0.3	59	438	90.9	9.1	2-10
0.075	25	463	96.1	3.9	0-8

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**TEST RESULTS OF GRADATION FOR BC
IS 2386 (Part 1) 1963 (RA 2011)**

Lab ID : CP-RW-2018-03-15-01
Customer : Assistant Executive Engineer, Dasarahalli Sub Division, BBMP, Bangalore.
Address : Dasarahalli Sub Division, BBMP, Bangalore.
Project Name : Improvements to Main Roads Byraveshwara Nagara in Bagalagunte Ward No.14
Agency : Sri.Sree Rama Reddy, #62, Behind Widia, Ashok Nagara, Nagasandra (P), Bengaluru.
Customer Reference : EE/DD/LOA/1660/2017-18
Source of Sample : Sample supplied by Agency
Date of Receipt : 15-03-18
Sample ID No : 2018-03-15-01/01
Type of Mix : BC (Bituminous Concrete)
Date of test : 15-03-18

Date: 16-03-18

Sl.no	Description	Index	Trail 1	Trail 2
1	Weight of the Sample	A	500	500
2	Weight of the sample After extraction	B	472	471
3	Bitumen percentage	$\frac{A-B}{A} \times 100$	5.60	5.80
4	Average percentage	%	5.7	

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Technical Manager

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ಟಿ.ದಾಸರಾಜ್ ಉಪ-ವಿಭ.
ಬಾಗಲಗುಂಟೆ, ಬಿಬಿಎಂಪಿ
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Lab ID

Sample ID

CP-RW-2018-03-15-01
2018-03-15-01/01

Date: 16-03-18

Total Weight of the Sample(gm)

AFTER EXTRACTION - Trail-1

IS Sieve Size (mm)	Weight Retained (gm)	Cumulative Weight Retained (gm)	Cumulative % of Retained	Cumulative % of Passing	Specified limits as per MORTH specification table 500-23(grading-2)
19	0	0	0.0	100.0	100
13.2	8	8	1.7	98.3	90-100
9.5	58	66	14.0	86.0	70-88
4.75	102	168	35.6	64.4	53-71
2.36	82	250	53.0	47.0	42-58
1.18	23	273	57.8	42.2	34-48
0.6	35	308	65.3	34.7	26-38
0.3	43	351	74.4	25.6	18-28
0.15	41	392	83.1	16.9	12-20
0.075	52	444	94.1	5.9	4-10

Total Weight of the Sample(gm)

AFTER EXTRACTION - Trail-2

IS Sieve Size (mm)	Weight Retained (gm)	Cumulative Weight Retained (gm)	Cumulative % of Retained	Cumulative % of Passing	Specified limits as per MORTH specification table 500-23(grading-2)
19	0	0	0.0	100.0	100
13.2	6	6	1.3	98.7	90-100
9.5	60	66	14.0	86.0	70-88
4.75	103	169	35.9	64.1	53-71
2.36	85	254	53.9	46.1	42-58
1.18	25	279	59.2	40.8	34-48
0.6	38	317	67.3	32.7	26-38
0.3	45	362	76.9	23.1	18-28
0.15	38	400	84.9	15.1	12-20
0.075	45	445	94.5	5.5	4-10

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